



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 20286-2:1994

ICS 17.040.10

**ISO SYSTEM OF LIMITS AND FITS –  
PART 2: TABLES OF STANDARD  
TOLERANCE GRADES AND LIMIT  
DEVIATIONS FOR HOLES AND SHAFTS  
(ISO 286-2:1988)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



## DECLARATION

OF

SPECIFICATION

ENTITLED

ISO SYSTEM OF LIMITS AND FITS – PART 2: TABLES OF STANDARD TOLERANCE  
GRADES AND LIMIT DEVIATIONS FOR HOLES AND SHAFTS (ISO 286-2:1988)

AS

THE IRISH STANDARD SPECIFICATION FOR

ISO SYSTEM OF LIMITS AND FITS – PART 2: TABLES OF STANDARD TOLERANCE  
GRADES AND LIMIT DEVIATIONS FOR HOLES AND SHAFTS (ISO 286-2:1988)

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Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (ISO System of Limits and Fits – Part 2: Tables of Standard Tolerance Grades and Limit Deviations for Holes and Shafts (ISO 286-2:1988)) Declaration, 1994.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for ISO System of Limits and Fits – Part 2: Tables of Standard Tolerance Grades and Limit Deviations for Holes and Shafts (ISO 286-2:1988). The Schedule comprises the text of EN 20286-2 : 1993.  
  
(2) The said standard specification may be cited as Irish Standard/EN 20286-2:1994 or as I.S./EN 20286-2:1994.



EUROPEAN STANDARD

EN 20286-2:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1993

UDC 621.713.1/.2:621.824

Descriptors: Machine components, reaming, shafts : rotating, dimensional tolerances, standard tolerances, dimensional deviations, fundamental tolerances

English version

**ISO system of limits and fits - Part 2: Tables of  
standard tolerance grades and limit deviations for  
holes and shafts (ISO 286-2:1988)**

Système ISO de tolérances et d'ajustements -  
Partie 2: Tables des degrés de tolérance  
normalisés et des écarts limites des alésages  
et des arbres (ISO 286-2:1988)

ISO-System für Grenzabmaße und Passungen - Teil  
2: Tabellen der Grundtoleranzgrade und  
Grenzabmaße für Bohrungen und Wellen  
(ISO 286-2:1988)

This European Standard was approved by CEN on 1993-04-15. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Foreword

In 1991, the International Standard ISO 286-2:1988 "ISO system of limits and fits - Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal, ISO 286-2:1988 was submitted to the Formal Vote.

The result of the Formal Vote was positive.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 1993, and conflicting national standards shall be withdrawn at the latest by October 1993.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

## Endorsement notice

The text of the International Standard ISO 286-2:1988 was approved by CEN as a European Standard without any modification.

NOTE: The European references to international publications are given in annex ZA (normative).

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